

3-30-01  
J1044 U.S. PTO  
03/29/01

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

13DV14029

First Inventor

THOMAS C. MESING

Title

VARIABLE VANE SEAL AND WASHER...

Express Mail Label No.

EL477025680US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 13]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
5. Oath or Declaration [Total Pages 2]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09,239,639  
Prior application information: Examiner S. Estremsky Group Art Unit: 3681

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

☒ Customer Number or Bar Code Label  or ☐ Correspondence address below

Name		PATENT TRADEMARK OFFICE	
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	NATHAN D. HERKAMP	Registration No. (Attorney/Agent)	28,812
Signature		Date	3-13-01

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J1002 U.S. PTO  
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03/29/01

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<h1>FEE TRANSMITTAL</h1> <h2>for FY 2001</h2> <p>Patent fees are subject to annual revision.</p> <table border="1"><tr><td>TOTAL AMOUNT OF PAYMENT</td><td>(\$)</td><td>710</td></tr></table>		TOTAL AMOUNT OF PAYMENT	(\$)	710	<b>Complete if Known</b>	
		TOTAL AMOUNT OF PAYMENT	(\$)	710		
		Application Number				
		Filing Date	MARCH 29, 2001			
		First Named Inventor	THOMAS C. MESING			
		Examiner Name	S. ESTREMSKY			
Group Art Unit	3681					
		Attorney Docket No.	13DV14029			

<b>METHOD OF PAYMENT</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																													
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number: 07-0865</p> <p>Deposit Account Name: GE AIRCRAFT ENGINES</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>		<p>3. ADDITIONAL FEES</p> <table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105 130</td><td>205 65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>127 50</td><td>227 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr><tr><td>139 130</td><td>139 130</td><td>Non-English specification</td><td></td></tr><tr><td>147 2,520</td><td>147 2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>112 920*</td><td>112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113 1,840*</td><td>113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115 110</td><td>215 55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116 390</td><td>216 195</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117 890</td><td>217 445</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118 1,390</td><td>218 695</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128 1,890</td><td>228 945</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119 310</td><td>219 155</td><td>Notice of Appeal</td><td></td></tr><tr><td>120 310</td><td>220 155</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121 270</td><td>221 135</td><td>Request for oral hearing</td><td></td></tr><tr><td>138 1,510</td><td>138 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140 110</td><td>240 55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141 1,240</td><td>241 620</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142 1,240</td><td>242 620</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143 440</td><td>243 220</td><td>Design issue fee</td><td></td></tr><tr><td>144 600</td><td>244 300</td><td>Plant issue fee</td><td></td></tr><tr><td>122 130</td><td>122 130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123 50</td><td>123 50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>126 180</td><td>126 180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581 40</td><td>581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146 710</td><td>246 355</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>149 710</td><td>249 355</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td>179 710</td><td>279 355</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169 900</td><td>169 900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="2">Other fee (specify)</td><td></td><td></td></tr><tr><td colspan="2">SUBTOTAL (3)</td><td>(\$)</td><td>0</td></tr></tbody></table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105 130	205 65	Surcharge - late filing fee or oath		127 50	227 25	Surcharge - late provisional filing fee or cover sheet		139 130	139 130	Non-English specification		147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination		112 920*	112 920*	Requesting publication of SIR prior to Examiner action		113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action		115 110	215 55	Extension for reply within first month		116 390	216 195	Extension for reply within second month		117 890	217 445	Extension for reply within third month		118 1,390	218 695	Extension for reply within fourth month		128 1,890	228 945	Extension for reply within fifth month		119 310	219 155	Notice of Appeal		120 310	220 155	Filing a brief in support of an appeal		121 270	221 135	Request for oral hearing		138 1,510	138 1,510	Petition to institute a public use proceeding		140 110	240 55	Petition to revive - unavoidable		141 1,240	241 620	Petition to revive - unintentional		142 1,240	242 620	Utility issue fee (or reissue)		143 440	243 220	Design issue fee		144 600	244 300	Plant issue fee		122 130	122 130	Petitions to the Commissioner		123 50	123 50	Processing fee under 37 CFR 1.17(q)		126 180	126 180	Submission of Information Disclosure Stmt		581 40	581 40	Recording each patent assignment per property (times number of properties)		146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))		149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))		179 710	279 355	Request for Continued Examination (RCE)		169 900	169 900	Request for expedited examination of a design application		Other fee (specify)				SUBTOTAL (3)		(\$)	0
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<p>2. EXTRA CLAIM FEES</p> <p>Total Claims: 10 -20** = 0 X Fee from below =</p> <p>Independent Claims: 1 -3** = 0 X Fee Paid =</p> <p>Multiple Dependent: X Fee Paid =</p> <table border="1"><thead><tr><th>Large Entity Fee Code (\$)</th><th>Small Entity Fee Code (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>103 18</td><td>203 9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>102 80</td><td>202 40</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104 270</td><td>204 135</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>109 80</td><td>209 40</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>110 18</td><td>210 9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="2">SUBTOTAL (2)</td><td>(\$)</td><td>0</td></tr></tbody></table>		Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	103 18	203 9	Claims in excess of 20		102 80	202 40	Independent claims in excess of 3		104 270	204 135	Multiple dependent claim, if not paid		109 80	209 40	** Reissue independent claims over original patent		110 18	210 9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)		(\$)	0																																																																																																		
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<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Name (Print/Type)	NATHAN D. HERKAMP	Registration No. (Attorney/Agent)	28,812
Signature	<i>Nathan D. Herkamp</i>	Telephone	513/243-6473
		Date	3-13-01

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